

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>RD0551</b>	Overall LMA Rating	Total LMA Miles						
<b>Reclamation District No. 0551 Pearson</b>	<b>A</b>	<b>6.78</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.07			
Trim / Thin Trees	0.01		0.01	0.15%				
Encroachments	0.01		0.01	0.15%	0.03	0.01		
<i>Supplemental</i>								
DWR UCIP Field Study					0.12	0.01		
<i>LMA Totals:</i>	0.02	0.00	0.02	0.30%	0.22	0.02	0.00	0.00
<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>RD0551</b>	<b>A</b>	<b>6.78</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.07			
Trim / Thin Trees	0.01		0.01	0.15%				
Encroachments	0.01		0.01	0.15%	0.03	0.01		
<i>Supplemental</i>								
DWR UCIP Field Study					0.12	0.01		
<i>Unit Totals:</i>	0.02	0.00	0.02	0.30%	0.22	0.02	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0551 Pearson**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 0551 Pearson**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	6.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/28/2015 - 04/28/2015		10/14/2015 - 10/14/2015	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Mr. Topper Van-Loben-Sels RD 551		Mr. Topper Van-Loben-Sels RD 551	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	3	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Emergency Supplies & Equipment				°	
					°	
DWR ID	DWR_RD0551_01_s _ 2012_3					
Action/Comments						
Inspector Comments: District has emergency supplies stored in locked container near Courtland's fire house.						

No Photos

LM Start		Rating **	A	Issue No.	15	
LM End		Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				o	
					o	
DWR ID	DWR_RD0551_01_s _ 2012_15					
Action/Comments						
Inspector Comments: District has been trained in Flood Fight Methods						

No Photos

LM Start		Rating **	A	Issue No.	23		
LM End		Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0551_01_s _ 2012_23						
Action/Comments							
Inspector Comments: District has O&M Manual on hand and stored with flood fight materials.							

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	27
LM End	6.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.336439 °	38.258886 °
				-121.564765 °	-121.517901 °
DWR ID	DWR_RD0551_01_f_2015_27				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: All unwanted has been removed from the levee section.					

Photo 1 of 1 : FA\_2015\_RD0551\_175\_27\_20151019\_00018.jpg



Looking downstream from levee mile 0.00 to levee mile 6.78 all unwanted grasses has been removed from both the landside and waterside levee slopes.

LM Start	0.03	Rating **	M	Issue No.	25
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.336123 °	38.336123
				-121.565022 °	-121.565022
DWR ID	DWR_RD0551_01_f_2015_25				
Action/Comments					
Garbage Inspector Comments: Remove the garbage and mattress from the waterside slope.					

Photo 1 of 2 : FA\_2015\_RD0551\_175\_25\_20151019\_00016.jpg



RD 551 looking downstream from levee mile 0.02 garbage dumped on the waterside slope.

LM Start	<b>0.03</b>	Rating **	M	Issue No.	<b>25 (cont)</b>
LM End	<b>0.03</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2015\_RD0551\_175\_25\_20151019\_00017.jpg



Discarded mattress dumped on the waterside slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.41	Rating **	M	Issue No.	88
LM End	0.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.332039 °	38.332039 °
				-121.569730 °	-121.569730 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11705					
DS_ID:21982					
EP_NO: 2759					
FS_HLM: 0.412					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 3 : UCIP\_FA\_2015\_0922.jpg



Various disconnected pipes visible at foundation/retaining wall under buildings on LS.

LM Start	<b>0.41</b>	Rating **	M	Issue No.	<b>88 (cont)</b>
LM End	<b>0.41</b>	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP\_FA\_2015\_0923.jpg



Irrigation pipes on WS slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.41	Rating **	M	Issue No.	88 (cont)
LM End	0.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.332039 °	38.332039 °
				-121.569730 °	-121.569730 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11705					
DS_ID:21982					
EP_NO: 2759					
FS_HLM: 0.412					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0924.jpg



Irrigation pipes on WS slope.

LM Start	0.42	Rating **	M	Issue No.	19
LM End	0.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.331962 °	38.331962 °
				-121.569890 °	-121.569890 °
DWR ID	DWR_RD0551_01_f_2014_19				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.47	Rating **	C	Issue No.	20
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.331378 °	38.331378 °
				-121.570462 °	-121.570462 °
DWR ID	DWR_RD0551_01_f_2014_20				
Action/Comments					
Material					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.47	Rating **	M	Issue No.	26
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.331295 °	38.331295 °
				-121.570513 °	-121.570513 °
DWR ID	DWR_RD0551_01_f_2015_26				
Action/Comments					
Equipment					
Inspector Comments: Boat trailer (2) parked on the waterside shoulder.					
RD In process of having them removed.					

No Photos

DWM Start	0.49	Rating **	U	Issue No.	21
LM End	0.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.331158 °	38.331158 °
				-121.570751 °	-121.570751 °
DWR ID	DWR_RD0551_01_s_2014_21				
Action/Comments					
Building Inspector Comments: The new land owner is working with the LMA trying to get CVFPB Permits for this project, this is the 2nd year in process. This site is still being worked on.					

LM Start	<b>0.49</b>	Rating **	U	Issue No.	<b>21 (cont)</b>
LM End	<b>0.49</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : FA\_2015\_RD0551\_175\_21\_20150915\_00001.jpg



Building and steps waterward. Photo taken 01-04-2014.

Photo 2 of 2 : FA\_2015\_RD0551\_175\_21\_20150915\_00002.jpg



Building remodeling project on waterside levee section. Photo taken 01-04-2014.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.59	Rating **	M	Issue No.	9
LM End	0.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.329918 °	38.329918 °
				-121.571742 °	-121.571742 °
DWR ID	DWR_RD0551_01_s _ 2012_9				
Action/Comments					
Building					
Inspector Comments: There is a metal storage building placed within the 10-foot easement. The land owner has applied for permit to keep it at this location. 3-2013 Spring Inspection: This metal building has been at this location for many years. The original landowner has sold the property to someone else who wishes to retain the building. Name					

No Photos

LM Start	0.59	Rating **	A	Issue No.	87
LM End	0.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.329895 °	38.329895 °
				-121.571840 °	-121.571840 °
DWR ID	DWR_RD0551_01_s _ 2012_87				
Action/Comments					
Retaining Wall					
Inspector Comments: Permit is in process.					

Photo 1 of 1 : FA\_2015\_RD0551\_175\_87\_20150915\_00003.jpg



This unauthorized retaining wall remains. Photo taken 01-04-2014. No photo taken during Fall 2014 inspection.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.71	Rating **	M	Issue No.	89
LM End	0.71	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.328401 °	38.328401 °
				-121.572954 °	-121.572954 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11726 DS_ID:21985 EP_NO: 6220 FS_HLM: 0.721 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe abandoned and should be removed. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee 6.1-feet below the crown. Pump on waterside with slide gate and air vent. (Permit No. 6220, 1968) FS Date: 04/10/2013					

LM Start	<b>0.71</b>	Rating **	M	Issue No.	<b>89 (cont)</b>
LM End	<b>0.71</b>	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP\_FA\_2015\_0925.jpg



JP and pipe covered with vegetation on LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_0926.jpg



Pump, slide gate, and missing vent pipe on WS slope.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.71	Rating **	M	Issue No.	89 (cont)
LM End	0.71	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.328401 °	38.328401 °
				-121.572954 °	-121.572954 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11726					
DS_ID:21985					
EP_NO: 6220					
FS_HLM: 0.721					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0927.jpg



Abandoned pump covered in vegetation on WS slope.

LM Start	0.74	Rating **	M	Issue No.	22
LM End	0.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.328028 °	38.328028 °
				-121.573298 °	-121.573298 °
DWR ID	DWR_RD0551_01_f_2014_22				
Action/Comments					
Abandoned vehicles					
Inspector Comments: The District will talk with landowner.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	90
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.326088 °	38.326088 °
				-121.574525 °	-121.574525 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:11727  
 DS\_ID:21986  
 EP\_NO: 701  
 FS\_HLM: 0.903  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe appears abandoned and should be done so properly. Good candidate for video inspection.  
 FIELD\_STRUCT\_DESC: 14-inch steel irrigation pipe through the levee, 7.2 feet below crown. Pump in pump house on waterward slope. Service pole on landward slope. (Permit No. 701-Smith). 1-inch galvanized filler pipe and a 2-inch electrical conduit at same location. Originally included in O+M manual (1959).  
 FS Date: 04/10/2013

LM Start	<b>0.89</b>	Rating **	M	Issue No.	<b>90 (cont)</b>
LM End	<b>0.89</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_0928.jpg



galvanized iron filler pipe and 16-inch pipe visible at LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_0929.jpg



Pipe and JP visible on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	90 (cont)
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.326088 °	38.326088
				-121.574525 °	-121.574525
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11727					
DS_ID:21986					
EP_NO: 701					
FS_HLM: 0.903					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0930.jpg



Pump house and pipes visible on WS slope.

LM Start	1.53	Rating **	M	Issue No.	6
LM End	1.60	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.317138 °	38.316060 °
				-121.576567 °	-121.576688 °
DWR ID	DWR_RD0551_01_s _ 2012_6				
Action/Comments					
Landscaping					

No Photos

LM Start	1.67	Rating **	C	Issue No.	11
LM End	1.69	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.315060 °	38.314717 °
				-121.576770 °	-121.576788 °
DWR ID	DWR_RD0551_01_s _ 2012_11				
Action/Comments					
Fence					
Inspector Comments: Landscaping, not sure if there was ever a permit.					
For this encroachment.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.77	Rating **	M	Issue No.	91
LM End	1.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313552 °	38.313552 °
				-121.576640 °	-121.576640 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:26874 DS_ID:21990 EP_NO: 11145 FS_HLM: 1.792 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 14, 2014, pump discharge pipe has been repaired. Pipe failing on LS slope causing erosion along pipe alignment. Pipe debris on both slopes should be removed as well.: As of 12/13/2013 District President noted that the landowner had made repairs to the LS slope leaks.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch pipe through levee, 4.7 feet below crown. Pump in 7'X9' concrete pump house on waterward slope. 36-inch concrete riser on LS toe. 1-inch electrical conduit at same location. Service pole at landward toe (ABO No. 11145-Towne). Originally included in O+M manual (1959). FS Date: 01/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_2600.jpg



Pipe failing on LS slope due to corrosion holes causing erosion.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	<b>1.77</b>	Rating **	M	Issue No.	<b>91 (cont)</b>
LM End	<b>1.77</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313552 °	38.313552 °
				-121.576640 °	-121.576640 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:26874 DS_ID:21990 EP_NO: 11145 FS_HLM: 1.792 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 14, 2014, pump discharge pipe has been repaired. Pipe failing on LS slope causing erosion along pipe alignment. Pipe debris on both slopes should be removed as well.: As of 12/13/2013 District President noted that the landowner had made repairs to the LS slope leaks.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch pipe through levee, 4.7 feet below crown. Pump in 7'X9' concrete pump house on waterward slope. 36-inch concrete riser on LS toe. 1-inch electrical conduit at same location. Service pole at landward toe (ABO No. 11145-Towne). Originally included in O+M manual (1959). FS Date: 01/15/2014					

Photo 2 of 3 : UCIP\_FA\_2015\_2601.jpg



36-inch concrete standpipe at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	1.77	Rating **	M	Issue No.	91 (cont)
LM End	1.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.313552 °	38.313552 °
				-121.576640 °	-121.576640 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26874 DS_ID:21990 EP_NO: 11145 FS_HLM: 1.792 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 14, 2014, pump discharge pipe has been repaired. Pipe failing on LS slope causing erosion along pipe alignment. Pipe debris on both slopes should be removed as well.: As of 12/13/2013 District President noted that the landowner had made repairs to the LS slope leaks.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch pipe through levee, 4.7 feet below crown. Pump in 7'X9' concrete pump house on waterward slope. 36-inch concrete riser on LS toe. 1-inch electrical conduit at same location. Service pole at landward toe (ABO No. 11145-Towne). Originally included in O+M manual (1959). FS Date: 01/15/2014					

Photo 3 of 3 : UCIP\_FA\_2015\_2602.jpg



Pumphouse on WS slope.

LM Start	2.01	Rating **	M	Issue No.	92
LM End	2.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310237 °	38.310237 °
				-121.575470 °	-121.575470 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11749					
DS_ID:22040					
EP_NO: 3676					
FS_HLM: 2.033					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Fresh cut through pavement on crown indicates recent work on pipes at this location. Need to determine if pipe was removed or abandoned in place.					
FIELD_STRUCT_DESC: 2 of 2: 8-inch steel irrigation pipe sleeved through a 12-inch pipe, 5 feet below crown. Pump on platform waterside. (Permit No. 3676-Wheeler).					
FS Date: 04/10/2013					

Photo 1 of 1 : UCIP\_FA\_2015\_0748.jpg



Fresh cut through pavement at crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.01	Rating **	M	Issue No.	93
LM End	2.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310223 °	38.310223 °
				-121.575458 °	-121.575458 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:11763 DS_ID:21991 EP_NO: 6551 FS_HLM: 2.034 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Rodent activity undermining pipe on LS slope. FIELD_STRUCT_DESC: 1 of 2: 14-inch PVC wrapped Steel irrigation pipe 3-feet below the crown. Butterfly valve on WS shoulder. 2-inch galvanized electric conduit at same location. Pump on pile structure on WS toe. Pressure booster and pump on LS toe. (Permit No. 6551-Wheeler 1969). FS Date: 04/10/2013					

LM Start	<b>2.01</b>	Rating **	M	Issue No.	<b>93 (cont)</b>
LM End	<b>2.01</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_0749.jpg



Rodent activity undermining pipe on LS slope.

Photo 2 of 3 : UCIP\_FA\_2015\_0750.jpg



Pipe, electrical conduit, and booster pump on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.01	Rating **	M	Issue No.	93 (cont)
LM End	2.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.310223 °	38.310223 °
				-121.575458 °	-121.575458 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11763 DS_ID:21991 EP_NO: 6551 FS_HLM: 2.034 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0751.jpg



Pipe, butterfly valve, and electrical conduit 3-feet below the crown on the WS shoulder.

LM Start	2.41	Rating **	M	Issue No.	94
LM End	2.41	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.305189 °	38.305189 °
				-121.572012 °	-121.572012 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11783 DS_ID:21994 EP_NO: 11141 FS_HLM: 2.433 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Records indicate this pipe was abandoned, but it appears to be active. Verify status. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through levee, 8.0 feet below the crown. Slant pump on waterward slope. Service pole on landward slope with a 1.5-inch galvanized iron electrical conduit through the levee at same location. (ABO No. 11141-Runyon). Originally included in O+M manual (1959). FS Date: 04/10/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_0752.jpg



Pump, pipe, and butterfly valve on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.41	Rating **	M	Issue No.	94 (cont)	
LM End	2.41	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.305189 °	38.305189 °	
				-121.572012 °	-121.572012 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:11783 DS_ID:21994 EP_NO: 11141 FS_HLM: 2.433 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Records indicate this pipe was abandoned, but it appears to be active. Verify status. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through levee, 8.0 feet below the crown. Slant pump on waterward slope. Service pole on landward slope with a 1.5-inch galvanized iron electrical conduit through the levee at same location. (ABO No. 11141-Runyon). Originally included in O+M manual (1959). FS Date: 04/10/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_0753.jpg



JP and concrete standpipe on LS toe.

LM Start	2.96	Rating **	M	Issue No.	95
LM End	2.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.298323 °	38.298323 °
				-121.566941 °	-121.566941 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11803 DS_ID:22032 EP_NO: 1204 FS_HLM: 2.987 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gap between sleeved pipes does not appear to be grouted on LS slope. FIELD_STRUCT_DESC: 12-inch steel conduit with 10-inch irrigation pipe sleeved through it 6-feet below the crown. Pump on pile structure on the Water Side toe. 48-inch concrete riser on LS toe. (Permit No. 1204-Wheeler). Originally included in the O+M manual 1959. FS Date: 04/10/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_0767.jpg



10-inch steel irrigation pipe and steel pump structure on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	2.96	Rating **	M	Issue No.	95 (cont)	
LM End	2.96	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.298323 °	38.298323 °	
				-121.566941 °	-121.566941 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:11803 DS_ID:22032 EP_NO: 1204 FS_HLM: 2.987 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gap between sleeved pipes does not appear to be grouted on LS slope. FIELD_STRUCT_DESC: 12-inch steel conduit with 10-inch irrigation pipe sleeved through it 6-feet below the crown. Pump on pile structure on the Water Side toe. 48-inch concrete riser on LS toe. (Permit No. 1204-Wheeler). Originally included in the O+M manual 1959. FS Date: 04/10/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_0768.jpg



48-inch concrete riser on LS toe.

LM Start	4.01	Rating **	M	Issue No.	96
LM End	4.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.286593 °	38.286593 °
				-121.554591 °	-121.554591 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11817 DS_ID:22034 EP_NO: N/A FS_HLM: 4.05 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Abandoned. Determine if pipe was removed or abandoned in place. FIELD_STRUCT_DESC: 8-inch irrigation pipe through the levee 6.7-feet below the crown. Abandoned slide gate at pad on WS slope. Originally included in O+M manual 1959. FS Date: 04/11/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_0821.jpg



Abandoned slide gate on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.01	Rating **	M	Issue No.	96 (cont)	
LM End	4.01	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.286593 °	38.286593 °	
				-121.554591 °	-121.554591 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:11817						
DS_ID:22034						
EP_NO: N/A						
FS_HLM: 4.05						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Abandoned. Determine if pipe was removed or abandoned in place.						
FIELD_STRUCT_DESC: 8-inch irrigation pipe through the levee 6.7-feet below the crown. Abandoned slide gate at pad on WS slope.						
Originally included in O+M manual 1959.						
FS Date: 04/11/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_0822.jpg



Abandoned slide gate on WS slope.

LM Start	4.01	Rating **	M	Issue No.	97
LM End	4.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.286568 °	38.286568
				-121.554569 °	-121.554569
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:11823 DS_ID:22018 EP_NO: 11146 FS_HLM: 4.052 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Wooden walkway in bad repair and presents a hazard to the public. FIELD_STRUCT_DESC: 14-inch pipe through levee, 10.4 feet below crown. Pump on pile structure in stream with wooden walkway. 48-inch concrete standpipe on LS toe with booster pump and electric panel. Siphon breaker in 24-inch CMP riser on LS slope. 1.5-inch electrical conduit at same location.(ABO No. 11146- Turner). Originally included in O+M manual 1959. FS Date: 04/11/2013					

Photo 1 of 2 : UCIP\_FA\_2015\_0823.jpg



Pump on pier with wooden walkway on WS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.01	Rating **	M	Issue No.	97 (cont)
LM End	4.01	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.286568 °	38.286568 °
				-121.554569 °	-121.554569 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:11823  
DS\_ID:22018  
EP\_NO: 11146  
FS\_HLM: 4.052  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Wooden walkway in bad repair and presents a hazard to the public.  
FIELD\_STRUCT\_DESC: 14-inch pipe through levee, 10.4 feet below crown. Pump on pile structure in stream with wooden walkway. 48-inch concrete standpipe on LS toe with booster pump and electric panel. Siphon breaker in 24-inch CMP riser on LS slope. 1.5-inch electrical conduit at same location.(ABO No. 11146- Turner). Originally included in O+M manual 1959.  
FS Date: 04/11/2013

Photo 2 of 2 : UCIP\_FA\_2015\_0824.jpg



24-inch CMP riser and 48-inch concrete riser on LS slope.

LM Start	4.59	Rating **	U	Issue No.	98
LM End	4.59	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.281074 °	38.281074 °
				-121.546628 °	-121.546628 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:46644  
DS\_ID:22020  
EP\_NO: 11152  
FS\_HLM: 4.634  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: Pier for pump is falling apart and is a hazard to the public. Some settlement along pipe on LS slope.: As of 12/13/2013 the District has contacted the tenant farmer who is in the process of contacting the owner to update on condition of pipe: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems: (Olivia) As of 09/21/2015 owner is working with Gilbert Labrie, LMA consultant, to resolve issue.  
FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through the levee 6.5 feet below the crown. Pump on pile structure in stream. Service pole at landward toe and a 36-inch concrete riser on the LS toe. 1-inch electrical conduit at same location. (ABO No. 11152-Wilcox) Originally included in O+M manual 1959.  
FS Date: 04/11/2013

Photo 1 of 2 : UCIP\_FA\_2015\_2640.jpg



Pump on pier showing structural failure on WS toe.

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	4.59	Rating **	U	Issue No.	98 (cont)	
LM End	4.59	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.281074 °	38.281074 °	
				-121.546628 °	-121.546628 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:46644 DS_ID:22020 EP_NO: 11152 FS_HLM: 4.634 Repair Type: Urgent Crossing Status: Found UCIP Comments: Pier for pump is falling appart and is a hazard to the public. Some settlement along pipe on LS slope.: As of 12/13/2013 the District has contacted the tenant farmer who is in the process of contacting the owner to update on condition of pipe: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems: (Olivia) As of 09/21/2015 owner is working with Gilbert Labrie, LMA consultant, to resolve issue. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 6.5 feet below the crown. Pump on pile structure in stream. Service pole at landward toe and a 36-inch concrete riser on the LS toe. 1-inch electrical conduit at same location. (ABO No. 11152-Wilcox) Originally included in O+M manual 1959. FS Date: 04/11/2013						

Photo 2 of 2 : UCIP\_FA\_2015\_2641.jpg



Pipe and stand pipe on LS toe with subsidence along pipe on LS slope.

LM Start	4.93	Rating **	C	Issue No.	24
LM End	4.93	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.277580 °	38.277580 °
				-121.542363 °	-121.542363 °
DWR ID	DWR_RD0551_01_f_2014_24				
Action/Comments					
Prunings					
Inspector Comments: Tree prunings placed on the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	99
LM End	5.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.276220 °	38.276220 °
				-121.540811 °	-121.540811 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12105 DS_ID:22022 EP_NO: 11125 FS_HLM: 5.1 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pumphouse has been removed from pump and pump is in disrepair. Pipe at LS toe is sleeved or has been replaced with a 6-inch PVC pipe. This pump appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 6-inch pipe through the levee 6.5-feet below the crown. Pump and slide gate on WS slope. 1-inch electrical conduit at same location with service pole at landward toe. 4'X6' concrete distribution box at LS toe (ABO No. 11125- Cortopassi). Originally included in O+M manual 1959. FS Date: 04/11/2013					

LM Start	<b>5.05</b>	Rating **	M	Issue No.	<b>99 (cont)</b>
LM End	<b>5.05</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP\_FA\_2015\_0836.jpg



Relocated pumphouse on WS shoulder.

Photo 2 of 3 : UCIP\_FA\_2015\_0837.jpg



Meter on pole at LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.05	Rating **	M	Issue No.	99 (cont)
LM End	5.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.276220 °	38.276220 °
				-121.540811 °	-121.540811 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:12105					
DS_ID:22022					
EP_NO: 11125					
FS_HLM: 5.1					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP\_FA\_2015\_0838.jpg



Pipe in distribution box at LS toe.

LM Start	5.26	Rating **	M	Issue No.	100
LM End	5.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.274147 °	38.274147 °
				-121.538076 °	-121.538076 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:26875 DS_ID:22023 EP_NO: 11131 FS_HLM: 5.307 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 15, 2014, pump discharge pipe has been repaired. Corrosion holes in pipe at LS toe good indicator that pipe is failing internally. Pipe should be examined internally for damage (video inspect).: As of 12/12/2013 the District discussed with farmer tenant what needed to be done, and the tenant informed the District that they would address the repairs.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch pipe through the levee 7.7-feet below the crown. Pump and slide gate on concrete pad on waterward slope. Siphon breaker in 24-inch CMP riser on LS slope. Concrete riser, power pole with panel box on landward toe. (ABO No. 11131-Latimer). Originally included in the O+M manual 1959. FS Date: 01/15/2014					

Photo 1 of 3 : UCIP\_FA\_2015\_2603.jpg



Siphon breaker in 24-inch CMP riser on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	5.26	Rating **	M	Issue No.	100 (cont)
LM End	5.26	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.274147 °	38.274147 °
				-121.538076 °	-121.538076 °
DWR ID					

**Action/Comments**

Inspector Comments: FS\_ID:26875  
 DS\_ID:22023  
 EP\_NO: 11131  
 FS\_HLM: 5.307  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Based on District notes from January 15, 2014, pump discharge pipe has been repaired. Corrosion holes in pipe at LS toe good indicator that pipe is failing internally. Pipe should be examined internally for damage (video inspect).: As of 12/12/2013 the District discussed with farmer tenant what needed to be done, and the tenant informed the District that they would address the repairs.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems  
 FIELD\_STRUCT\_DESC: 10-inch pipe through the levee 7.7-feet below the crown. Pump and slide gate on concrete pad on waterward slope. Siphon breaker in 24-inch CMP riser on LS slope. Concrete riser, power pole with panel box on landward toe. (ABO No. 11131-Latimer). Originally included in the O+M manual 1959.  
 FS Date: 01/15/2014

Photo 2 of 3 : UCIP\_FA\_2015\_2628.jpg



Pump and slide gate at Concrete pad on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 0551 Pearson**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	6.78	10/14/2015 10/14/2015	Herman Phillips

LM Start	<b>5.26</b>	Rating **	M	Issue No.	<b>100 (cont)</b>
LM End	<b>5.26</b>	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.274147 °	38.274147 °
				-121.538076 °	-121.538076 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:26875 DS_ID:22023 EP_NO: 11131 FS_HLM: 5.307 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Based on District notes from January 15, 2014, pump discharge pipe has been repaired. Corrosion holes in pipe at LS toe good indicator that pipe is failing internally. Pipe should be examined internally for damage (video inspect).: As of 12/12/2013 the District discussed with farmer tenant what needed to be done, and the tenant informed the District that they would address the repairs.: As of 12/17/2013 District submitted letter to landowner explaining UCIP report details including photos of the pipe problems FIELD_STRUCT_DESC: 10-inch pipe through the levee 7.7-feet below the crown. Pump and slide gate on concrete pad on waterward slope. Siphon breaker in 24-inch CMP riser on LS slope. Concrete riser, power pole with panel box on landward toe. (ABO No. 11131-Latimer). Originally included in the O+M manual 1959. FS Date: 01/15/2014					

Photo 3 of 3 : UCIP\_FA\_2015\_2629.jpg



Concrete standpipe, JP and meter, and 4-inch steel pipe visible at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	